

# Converting Colors

Hex(F581B3)

Have a look what the booklet for  
Hex(F581B3) contains.

|  |    |
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# **Color**

**Hex(F581B3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F581B3                     |
| RGB         | 245, 129, 179              |
| RGB Percent | 96%, 51%, 70%              |
| CMY         | 0.0392, 0.4941, 0.2980     |
| CMYK        | 0.00, 0.47, 0.27, 0.04     |
| HSL         | 334°, 85%, 73%             |
| HSV         | 334°, 47%, 96%             |
| XYZ         | 53.6431, 38.3677, 47.2262  |
| YIQ         | 169.3840, 53.0860, 40.1420 |

# Conversions

## Conversions Part 2

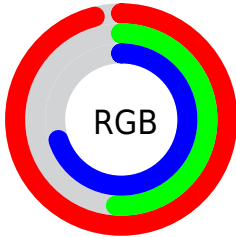
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 245, 129, 179                |
| Decimal                             | 16089523                     |
| CIE <sub>Lab</sub>                  | 68.29, 49.88, -6.06          |
| CIE <sub>LCh</sub>                  | 68, 50.247, 353.069          |
| Yxy                                 | 38.3677, 0.3853,<br>0.2756   |
| Android<br>(android.graphics.Color) | 4294279603<br>(0xFFFF581B3)  |
| YUV                                 | 169.3840, 4.7407,<br>66.3152 |
| Hunter-Lab                          | 61.9416, 46.1879,<br>-1.8454 |

# Details

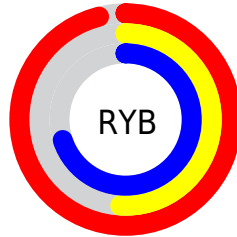
The Hex color **F581B3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81F5C3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB8EB**, and **BA4B7E** is the 20% darker color. If you saturate the color by 10%, you get **F569A5**, and if you desaturate by 10%, it is **F59AC1**.

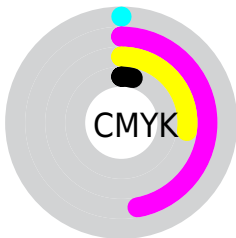
# Distribution



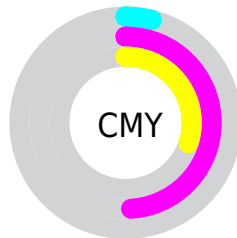
- Red (96%)
- Green (51%)
- Blue (70%)



- Red (96%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (47%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F581B3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F581B3 by changing the saturation by 10% instead.



 F581B3

 F581B3

FFFFFF

 D76698

 FFB8EB

 BA4B7E

 FFD5FF

 9D3065

 FFF2FF

 810F4D

 660037

 4B0021

 33000A

 000000

 F581B3

 F581B3

 F569A5

 F59AC1

 F55097

 F5B2CF

 F53789

 F5CBDD

 F51F7B

 F5E3EB

 F5066D

 F5FCF9

 F5006A

 F5FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D58DDE



F581B3



FB8285

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F581B3



9EAF4F



00B9EE

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F581B3



81F5C3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00BDC9



F581B3



68B86E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F581B3



CAA04A



00BD9A



2FAEFF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F581B3



F38A6B



00BD9A



00BBE3



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F581B3



FFDBEB



C381F5



806A73



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F581B3



FF6EAC



F58981



7A6E73



BA0050



3B0019



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F581B3



FF6EAC



81EDF5



7A6E73



BA0050



3B0019



# Previews

## White Background



This preview shows how the Hex color F581B3 looks on a white background.

## Color Contrast Check

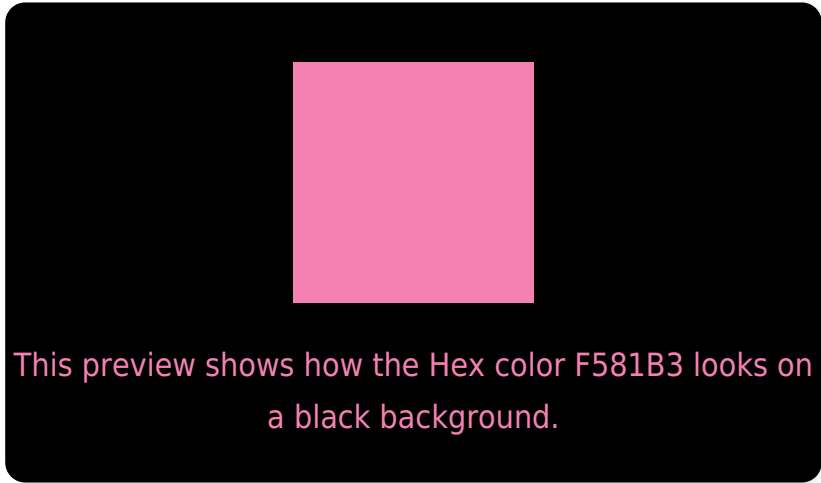
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F581B3 Background



This preview shows how black text looks on a background with the Hex color F581B3.

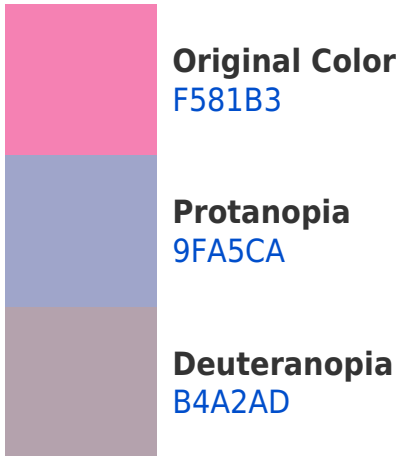


This preview shows how white text looks on a background with the Hex color F581B3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

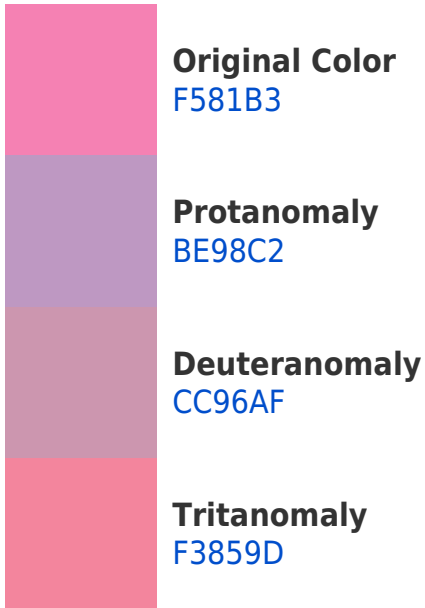
## Dichromacy



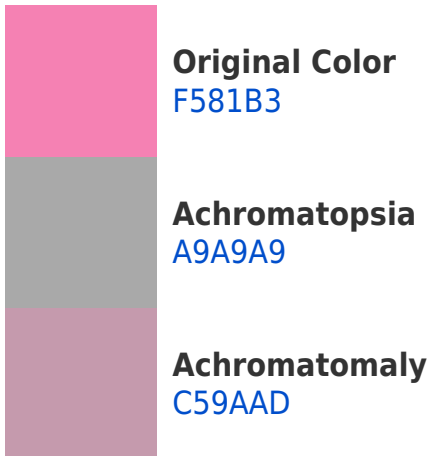


**Tritanopia**  
F28791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F581B3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F581B3 looks like.

```
.text, #text, p{  
    color:#F581B3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F581B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F581B3
}
```

## Border

The CSS property to change the border of an element to Hex F581B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F581B3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F581B3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F581B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F581B3; -webkit-box-shadow:4px 4px  
4px 4px #F581B3; box-shadow:4px 4px 4px  
4px #F581B3 }
```

# Background

The CSS property to change the background color of an element to Hex F581B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F581B3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F581B3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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